

DYEINGS FAST TO LIGHT
ON YARNS
FOR
CARPET AND UPHOLSTERY GOODS



CASSELLA COLOR COMPANY

American Branch of Leopold Cassella & Co., Germany

182 and 184 Front Street,
NEW YORK.

Boston: 39 Oliver Street.

Philadelphia: 126 and 128 South Front Street.

Providence: 64 Exchange Place.

Atlanta: 47 North Pryor Street.

Montreal, Canada: 59, William Street.



NOTE

NAPHTYLAMINE
SCIENTIFIC NAME OF
KNOWN COMMERCIAL
DYE IS BLACK.

Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods.

Directions for Dyeing:

For Dyeings produced with Alizarin Cyanol, Alizarin Cyanol
Violet and Carmine of these Colours.

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REFERENCE

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Company

crystals
soda

crystals

at 60–70° C. (140–160 deg. F.),
boil for about 1 hour. For ex-
amples, some bisulphate of soda
d, boiling being then continued

it is well to cool the bath off
Alizarin Cyanol Colours to do this
Orseille BB, any of which may
or.

For Dyeings produced with Alizarin Brilliant Green G or Combinations of the same.

Start the dyeing with the addition of

10% Glauber's salt crystals and

2–4% acetic acid (according to the depth of shade to be dyed).

Enter at about 50° C. (120 deg. F.), and raise in 1/2 hour to the boil;
after about 3/4 hour's boiling add 2–3% acetic acid, or 5–10% bisulphate
of soda in several portions in the case of combinations with blue, yellow
and red, and boil for another 20–30 minutes.

Cyanol Fast Green G is best used in the place of Alizarin Brilliant
Green G for subsequent shading, and may be added straightaway to the
boiling bath.

Without guarantee.

14 plates

Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,35 % Fast Acid Yellow TL.

1,5 % Fast Acid Yellow TL.

3 % Fast Acid Yellow TL.

0,35 % Orange GG.

1,5 % Orange GG.

3 % Orange GG.

0,35 % Alizarin Cyanol EF pat.

1,5 % Alizarin Cyanol EF pat.

3 % Alizarin Cyanol EF pat.

0,35 % Alizarin Cyanol B pat.

0,8 % Alizarin Cyanol B pat.

1,5 % Alizarin Cyanol B pat.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,35 % Alizarin Cyanol Violet R pat.	13	
0,8 % Alizarin Cyanol Violet R pat.	14	
1,5 % Alizarin Cyanol Violet R pat.	15	
0,35 % Lanafuchsine SG.	16	
1,5 % Lanafuchsine SG.	17	
3 % Lanafuchsine SG.	18	
0,35 % Alizarin Brilliant Green G pat.	19	
1,5 % Alizarin Brilliant Green G pat.	20	
3 % Alizarin Brilliant Green G pat.	21	
4 % Naphtylamine Blue Black 5 B.	22	
6 % Naphtylamine Blue Black 5 B.	23	
6 % Naphtylamine Black ESN.	24	

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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,52 % Alizarin Cyanol EF pat.
0,1 % Alizarin Brilliant Green G pat.

0,93 % Alizarin Cyanol EF pat.
0,22 % Alizarin Brilliant Green G pat.

1,65 % Alizarin Cyanol EF pat.
0,66 % Alizarin Brilliant Green G pat.

0,44 % Alizarin Cyanol EF pat.
0,02 % Fast Acid Yellow TL
0,02 % Lanafuchsine SG.

1,1 % Alizarin Cyanol EF pat.
0,06 % Fast Acid Yellow TL
0,1 % Lanafuchsine SG.

2,2 % Alizarin Cyanol EF pat.
0,12 % Fast Acid Yellow TL
0,2 % Lanafuchsine SG.

0,55 % Alizarin Cyanol EF pat.
0,11 % Alizarin Cyanol Violet R pat.

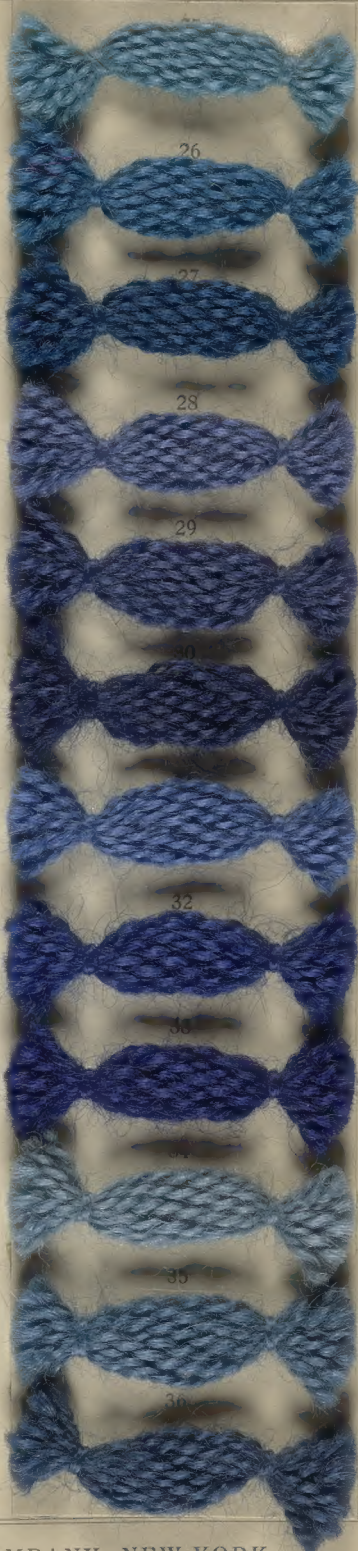
1,65 % Alizarin Cyanol EF pat.
0,23 % Alizarin Cyanol Violet R pat.

2,5 % Alizarin Cyanol EF pat.
0,33 % Alizarin Cyanol Violet R pat.

0,15 % Alizarin Cyanol EF pat.
0,022 % Fast Acid Yellow TL
0,01 % Lanafuchsine SG.

0,55 % Alizarin Cyanol EF pat.
0,05 % Fast Acid Yellow TL
0,03 % Lanafuchsine SG.

0,9 % Alizarin Cyanol EF pat.
0,08 % Fast Acid Yellow TL
0,06 % Lanafuchsine SG.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,13 % Alizarin Cyanol EF pat. 0,26 % Alizarin Cyanol Violet R pat.	39
0,27 % Alizarin Cyanol EF pat. 0,55 % Alizarin Cyanol Violet R pat.	40
0,44 % Alizarin Cyanol EF pat. 0,88 % Alizarin Cyanol Violet R pat.	41
0,44 % Alizarin Cyanol EF pat. 0,06 % Fast Acid Yellow TL 0,07 % Lanafuchsine SG.	42
1 % Alizarin Cyanol EF pat. 0,15 % Fast Acid Yellow TL 0,25 % Lanafuchsine SG.	43
1,5 % Alizarin Cyanol EF pat. 0,3 % Fast Acid Yellow TL 0,4 % Lanafuchsine SG.	44
0,38 % Alizarin Cyanol EF pat. 0,21 % Fast Acid Yellow TL 0,12 % Lanafuchsine SG.	45
0,8 % Alizarin Cyanol EF pat. 0,37 % Fast Acid Yellow TL 0,2 % Lanafuchsine SG.	46
1,7 % Alizarin Cyanol EF pat. 0,7 % Fast Acid Yellow TL 0,28 % Lanafuchsine SG.	47
0,3 % Alizarin Cyanol EF pat. 0,07 % Orange GG.	48
0,77 % Alizarin Cyanol EF pat. 0,25 % Orange GG.	
1,3 % Alizarin Cyanol EF pat. 0,4 % Orange GG.	

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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,22 % Alizarin Cyanol EF pat.
0,1 % Orange GG.

0,5 % Alizarin Cyanol EF pat.
0,26 % Orange GG.

0,9 % Alizarin Cyanol EF pat.
0,45 % Orange GG.

0,24 % Alizarin Cyanol EF pat.
0,3 % Fast Acid Yellow TL
0,1 % Lanafuchsine SG.

0,6 % Alizarin Cyanol EF pat.
0,7 % Fast Acid Yellow TL
0,23 % Lanafuchsine SG.

1 % Alizarin Cyanol EF pat.
1,2 % Fast Acid Yellow TL
0,4 % Lanafuchsine SG.

0,13 % Alizarin Cyanol EF pat.
0,015 % Fast Acid Yellow TL
0,035 % Lanafuchsine SG.

0,3 % Alizarin Cyanol EF pat.
0,038 % Fast Acid Yellow TL
0,075 % Lanafuchsine SG.

0,62 % Alizarin Cyanol EF pat.
0,11 % Fast Acid Yellow TL
0,24 % Lanafuchsine SG.

0,55 % Alizarin Cyanol EF pat.
0,3 % Lanafuchsine SG.

1,1 % Alizarin Cyanol EF pat.
0,6 % Lanafuchsine SG.

1,65 % Alizarin Cyanol EF pat.
1 % Lanafuchsine SG.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,23 % Alizarin Cyanol Violet R pat.
0,05 % Orange G G.

0,57 % Alizarin Cyanol Violet R pat.
0,15 % Orange G G.

1,15 % Alizarin Cyanol Violet R pat.
0,3 % Orange G G.

0,16 % Alizarin Cyanol EF pat.
0,3 % Lanafuchsine SG.

0,46 % Alizarin Cyanol EF pat.
0,75 % Lanafuchsine SG.

0,82 % Alizarin Cyanol EF pat.
1,5 % Lanafuchsine SG.

0,055 % Alizarin Cyanol EF pat.
0,2 % Lanafuchsine SG.

0,16 % Alizarin Cyanol EF pat.
0,6 % Lanafuchsine SG.

0,32 % Alizarin Cyanol EF pat.
1,2 % Lanafuchsine SG.

0,13 % Alizarin Cyanol EF pat.
0,15 % Fast Acid Yellow TL
0,25 % Lanafuchsine SG.

0,4 % Alizarin Cyanol EF pat.
0,45 % Fast Acid Yellow TL
0,75 % Lanafuchsine SG.

0,8 % Alizarin Cyanol EF pat.
0,9 % Fast Acid Yellow TL
1,5 % Lanafuchsine SG.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,34 % Alizarin Cyanol Violet R pat.
1 % Lanafuchsine SG.

0,68 % Alizarin Cyanol Violet R pat.
2 % Lanafuchsine SG.

1,02 % Alizarin Cyanol Violet R pat.
3 % Lanafuchsine SG.

0,23 % Alizarin Cyanol Violet R pat.
0,4 % Lanafuchsine SG.

0,7 % Alizarin Cyanol Violet R pat.
1,2 % Lanafuchsine SG.

1,4 % Alizarin Cyanol Violet R pat.
2,4 % Lanafuchsine SG.

0,5 % Fast Acid Yellow TL
0,2 % Lanafuchsine SG.

1 % Fast Acid Yellow TL
0,4 % Lanafuchsine SG.

2 % Fast Acid Yellow TL
0,8 % Lanafuchsine SG.

0,1 % Fast Acid Yellow TL
0,4 % Lanafuchsine SG.

0,2 % Fast Acid Yellow TL
0,8 % Lanafuchsine SG.

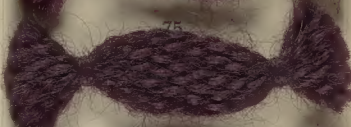
0,4 % Fast Acid Yellow TL
1,6 % Lanafuchsine SG.



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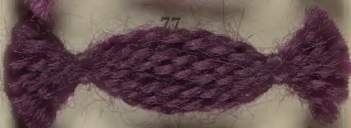
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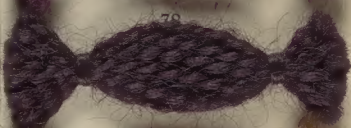
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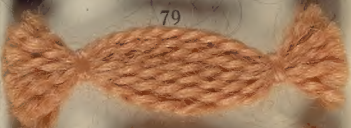
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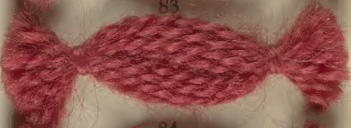
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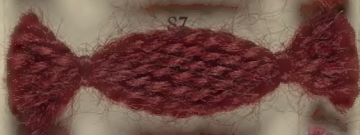


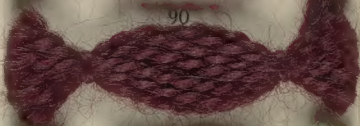
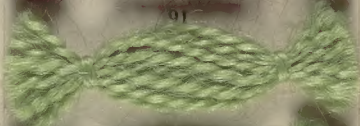
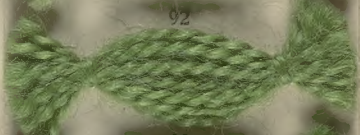

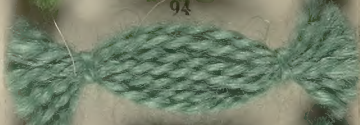
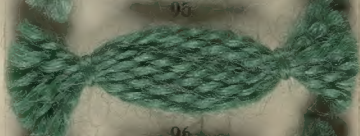
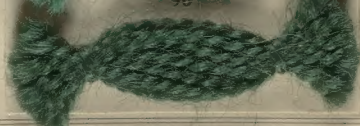
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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,01 % Alizarin Cyanol EF pat. 0,33 % Fast Acid Yellow TL 0,5 % Lanafuchsine SG.	85	
0,03 % Alizarin Cyanol EF pat. 0,7 % Fast Acid Yellow TL 1,3 % Lanafuchsine SG.	86	
0,06 % Alizarin Cyanol EF pat. 1,4 % Fast Acid Yellow TL 2,6 % Lanafuchsine SG.	87	
0,034 % Alizarin Cyanol Violet R pat. 0,65 % Lanafuchsine SG.	88	
0,11 % Alizarin Cyanol Violet R pat. 1,9 % Lanafuchsine SG.	89	
0,23 % Alizarin Cyanol Violet R pat. 3,8 % Lanafuchsine SG.	90	
0,09 % Alizarin Cyanol EF pat. 0,23 % Fast Acid Yellow TL.	91	
0,19 % Alizarin Cyanol EF pat. 0,6 % Fast Acid Yellow TL.	92	
0,38 % Alizarin Cyanol EF pat. 1,2 % Fast Acid Yellow TL.	93	
0,2 % Alizarin Cyanol EF pat. 0,2 % Fast Acid Yellow TL.	94	
0,5 % Alizarin Cyanol EF pat. 0,5 % Fast Acid Yellow TL.	95	
1 % Alizarin Cyanol EF pat. 0,9 % Fast Acid Yellow TL.	96	

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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,5 % Alizarin Cyanol EF pat.
0,15 % Fast Acid Yellow TL.

1,37 % Alizarin Cyanol EF pat.
0,41 % Fast Acid Yellow TL.

2,2 % Alizarin Cyanol EF pat.
0,65 % Fast Acid Yellow TL.

0,016 % Alizarin Cyanol EF pat.
0,3 % Fast Acid Yellow TL.

0,033 % Alizarin Cyanol EF pat.
0,7 % Fast Acid Yellow TL.

0,1 % Alizarin Cyanol EF pat.
2,1 % Fast Acid Yellow TL.

0,14 % Alizarin Cyanol EF pat.
0,5 % Fast Acid Yellow TL
0,02 % Lanafuchsine SG.

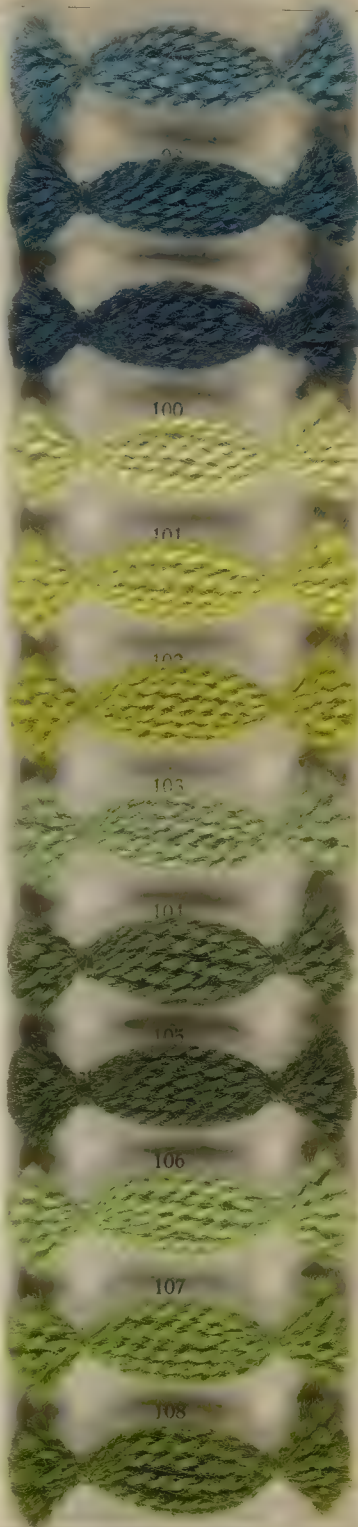
0,42 % Alizarin Cyanol EF pat.
1,5 % Fast Acid Yellow TL
0,06 % Lanafuchsine SG.

0,95 % Alizarin Cyanol EF pat.
4 % Fast Acid Yellow TL
0,12 % Lanafuchsine SG.

0,11 % Alizarin Cyanol EF pat.
0,6 % Fast Acid Yellow TL.

0,25 % Alizarin Cyanol EF pat.
2 % Fast Acid Yellow TL.

0,5 % Alizarin Cyanol EF pat.
4,5 % Fast Acid Yellow TL.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,44 % Alizarin Brilliant Green G pat.
0,5 % Fast Acid Yellow TL.

1,1 % Alizarin Brilliant Green G pat.
1,25 % Fast Acid Yellow TL.

2,2 % Alizarin Brilliant Green G pat.
2,5 % Fast Acid Yellow TL.

0,24 % Alizarin Cyanol EF pat.
0,27 % Fast Acid Yellow TL
0,05 % Lanafuchsine SG.

0,52 % Alizarin Cyanol EF pat.
0,64 % Fast Acid Yellow TL
0,12 % Lanafuchsine SG.

1,04 % Alizarin Cyanol EF pat.
1,28 % Fast Acid Yellow TL
0,22 % Lanafuchsine SG.

0,1 % Alizarin Cyanol EF pat.
0,7 % Fast Acid Yellow TL
0,03 % Lanafuchsine SG.

0,28 % Alizarin Cyanol EF pat
1,75 % Fast Acid Yellow TL
0,1 % Lanafuchsine SG.

0,56 % Alizarin Cyanol EF pat.
3,5 % Fast Acid Yellow TL
0,2 % Lanafuchsine SG.

0,22 % Alizarin Cyanol EF pat.
1 % Fast Acid Yellow TL
0,1 % Lanafuchsine SG.

0,6 % Alizarin Cyanol EF pat.
2,16 % Fast Acid Yellow TL
0,22 % Lanafuchsine SG.

1 % Alizarin Cyanol EF pat.
4,5 % Fast Acid Yellow TL
0,35 % Lanafuchsine SG.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,11 % Alizarin Cyanol EF pat.
0,16 % Fast Acid Yellow TL
0,07 % Lanafuchsine SG.

0,28 % Alizarin Cyanol EF pat.
0,4 % Fast Acid Yellow TL
0,17 % Lanafuchsine SG.

0,56 % Alizarin Cyanol EF pat.
0,8 % Fast Acid Yellow TL
0,34 % Lanafuchsine SG.

0,22 % Alizarin Cyanol EF pat.
0,7 % Fast Acid Yellow TL
0,14 % Lanafuchsine SG.

0,5 % Alizarin Cyanol EF pat.
1,7 % Fast Acid Yellow TL
0,3 % Lanafuchsine SG.

1 % Alizarin Cyanol EF pat.
3,4 % Fast Acid Yellow TL
0,5 % Lanafuchsine SG.

0,25 % Alizarin Cyanol EF pat.
0,5 % Fast Acid Yellow TL
0,2 % Lanafuchsine SG.

0,6 % Alizarin Cyanol EF pat.
1,25 % Fast Acid Yellow TL
0,5 % Lanafuchsine SG.

1,1 % Alizarin Cyanol EF pat.
2,5 % Fast Acid Yellow TL
0,7 % Lanafuchsine SG.

0,22 % Alizarin Cyanol EF pat.
0,4 % Orange GG.

0,5 % Alizarin Cyanol EF pat.
1 % Orange GG.

0,93 % Alizarin Cyanol EF pat.
2 % Orange GG.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,002 % Alizarin Cyanol EF pat.
0,3 % Fast Acid Yellow TL
0,04 % Orange GG.

0,006 % Alizarin Cyanol EF pat.
0,6 % Fast Acid Yellow TL
0,1 % Orange GG.

0,018 % Alizarin Cyanol EF pat.
1,2 % Fast Acid Yellow TL
0,2 % Orange GG.

0,02 % Alizarin Cyanol EF pat.
0,2 % Fast Acid Yellow TL
0,05 % Lanafuchsine SG.

0,06 % Alizarin Cyanol EF pat.
0,6 % Fast Acid Yellow TL
0,15 % Lanafuchsine SG.

0,15 % Alizarin Cyanol EF pat.
1,5 % Fast Acid Yellow TL
0,3 % Lanafuchsine SG.

0,16 % Alizarin Cyanol EF pat.
0,6 % Orange GG.

0,4 % Alizarin Cyanol EF pat.
1,75 % Orange GG.

0,6 % Alizarin Cyanol EF pat.
3 % Orange GG.

0,16 % Alizarin Cyanol EF pat.
0,8 % Fast Acid Yellow TL
0,5 % Orange GG.

0,32 % Alizarin Cyanol EF pat.
1,6 % Fast Acid Yellow TL
1 % Orange GG.

0,48 % Alizarin Cyanol EF pat.
3,6 % Fast Acid Yellow TL
1,6 % Orange GG.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,03 % Alizarin Cyanol EF pat.
0,5 % Fast Acid Yellow TL
0,06 % Lanafuchsine SG.

0,06 % Alizarin Cyanol EF pat.
1,5 % Fast Acid Yellow TL
0,15 % Lanafuchsine SG.

0,12 % Alizarin Cyanol EF pat.
3 % Fast Acid Yellow TL
0,3 % Lanafuchsine SG.

0,05 % Alizarin Cyanol EF pat.
0,3 % Fast Acid Yellow TL
0,07 % Lanafuchsine SG.

0,15 % Alizarin Cyanol EF pat.
0,9 % Fast Acid Yellow TL
0,21 % Lanafuchsine SG.

0,25 % Alizarin Cyanol EF pat.
1,6 % Fast Acid Yellow TL
0,33 % Lanafuchsine SG.

0,02 % Alizarin Cyanol EF pat.
0,07 % Fast Acid Yellow TL
0,06 % Lanafuchsine SG.

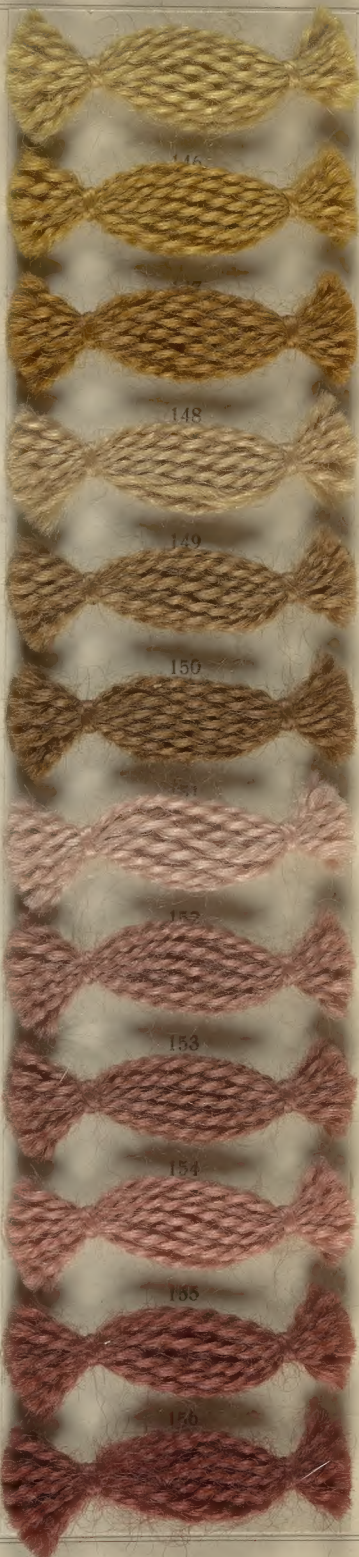
0,06 % Alizarin Cyanol EF pat.
0,21 % Fast Acid Yellow TL
0,18 % Lanafuchsine SG.,

0,12 % Alizarin Cyanol EF pat.
0,42 % Fast Acid Yellow TL
0,34 % Lanafuchsine SG.

0,05 % Alizarin Cyanol EF pat.
0,2 % Fast Acid Yellow TL
0,2 % Lanafuchsine SG.

0,15 % Alizarin Cyanol EF pat.
0,6 % Fast Acid Yellow TL
0,6 % Lanafuchsine SG.

0,3 % Alizarin Cyanol EF pat.
1,2 % Fast Acid Yellow TL
1,1 % Lanafuchsine SG.



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Dyeings Fast to Light on Yarns for Carpet and Upholstery Goods

0,05 % Alizarin Cyanol EF pat.
0,15 % Fast Acid Yellow TL
0,07 % Lanafuchsine SG.

0,15 % Alizarin Cyanol EF pat.
0,45 % Fast Acid Yellow TL
0,21 % Lanafuchsine SG.

0,3 % Alizarin Cyanol EF pat.
0,9 % Fast Acid Yellow TL
0,4 % Lanafuchsine SG.

0,12 % Alizarin Cyanol EF pat.
0,3 % Fast Acid Yellow TL
0,15 % Lanafuchsine SG.

0,36 % Alizarin Cyanol EF pat.
0,9 % Fast Acid Yellow TL
0,45 % Lanafuchsine SG.

0,72 % Alizarin Cyanol EF pat.
1,8 % Fast Acid Yellow TL
0,85 % Lanafuchsine SG.

0,1 % Alizarin Cyanol EF pat.
0,3 % Fast Acid Yellow TL
0,1 % Lanafuchsine SG.

0,25 % Alizarin Cyanol EF pat.
0,75 % Fast Acid Yellow TL
0,25 % Lanafuchsine SG.

0,4 % Alizarin Cyanol EF pat.
1,2 % Fast Acid Yellow TL
0,4 % Lanafuchsine SG.

0,1 % Alizarin Cyanol EF pat.
0,13 % Fast Acid Yellow TL
0,12 % Lanafuchsine SG.

0,3 % Alizarin Cyanol EF pat.
0,39 % Fast Acid Yellow TL
0,36 % Lanafuchsine SG.

0,6 % Alizarin Cyanol EF pat.
0,8 % Fast Acid Yellow TL
0,7 % Lanafuchsine SG.



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